Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1.   (Currently Amended) A method for determining an amount of usage of applications in ~~an LPAR~~ a logical partition in a computer system and a bill for such usage, said method comprising ~~the steps of~~:

executing a guest operating system in said [[LPAR]] logical partition;

said guest operating system dispatching a plurality of applications in said [[LPAR]] logical partition;

said guest operating system or other program executing in said [[LPAR]] logical partition determining information indicative of an amount of usage of each of said applications;

determining, by a hardware usage monitor, logical partition usage information for hardware resources used by the logical partition;

based on said information, reporting [[an]] said amount of usage of each of said applications to a billing function; and

said billing function determining a bill for each of said applications based on said amount of usage of each of said applications and said logical partition usage of hardware resources.

2.   (Currently Amended) A method as set forth in claim 1 further comprising: ~~the step of~~

determining [[an]] said amount of usage of each of said applications based on said information determined by said guest operating system or said other program executing in said [[LPAR]] logical partition;[[,]] and [[the]]

reporting ~~step reports~~ said amount of usage of each of said applications ~~determined by the step of determining said amount of usage of said applications.~~

3.   (Currently Amended) A method as set forth in claim 1 further comprising ~~the steps of~~:

~~determining an amount of usage of said LPAR based on system data, without using application usage information determined by said guest operating system or said other program;~~

determining [[the]] a total usage of all of said applications in said [[LPAR]] logical partition based on said information determined by said guest operating system or said other program; and

comparing said total usage of all of said applications to an amount of usage of hardware resources by said [[LPAR]] logical partition ~~based on said system data,~~ to audit said amount of usage of said

applications in said [[LPAR]] logical partition or a charge based on said amount of usage of said applications.

4-11.   (Cancelled)

12.   (Currently Amended) A method for determining an amount of usage of applications in an LPAR a logical partition in a computer system and a bill for such usage, said computer system including storage private to said [[LPAR]] logical partition, storage private to said system and system functions, and storage shared by said [[LPAR]] logical partition and said system functions, said method comprising the steps of:

    executing a guest operating system in said [[LPAR]] logical partition;

    said guest operating system dispatching a plurality of applications in said [[LPAR]] logical partition, determining information indicative of [[an]] said amount of usage of each of said applications, and writing said information to said shared storage;

    determining, by a hardware usage monitor, logical partition usage information for hardware resources used by the logical partition;

    one of said system functions reading said information from said shared storage and reporting information indicative of [[an]] said amount of usage of each of said applications to a billing function; and

    said billing function determining a bill for each of said applications based on the information obtained from said one system function and the logical partition usage information.

13.   (Currently Amended) A method as set forth in claim 12 wherein said guest operating system determines the amount of usage of each of said applications and reports same the amount of usage of each of said applications to said shared storage.

14.   (Currently Amended) A method as set forth in claim 12 wherein said guest operating system calculates the amount of usage of each of said applications using storage private to said [[LPAR]] logical partition, and then reports same the amount of usage to said shared storage.

15.   (Original) A method as set forth in claim 12 wherein said one system function processes said information obtained from said shared storage into a different form, and then reports said information in said different form to said billing function.

16.   (Currently Amended) A method as set forth in claim 12 further comprising the steps of: another of said system functions

determining an amount of usage of said [[LPAR]] logical partition based on system data, without using application usage information generated by said guest operating system;

determining [[the]] a total usage of all of said applications in said [[LPAR]] logical partition based on said information from said shared storage; and

comparing said total usage of all of said applications to [[an]] said amount of usage of said [[LPAR]] logical partition, to audit said amount of usage of said applications in said [[LPAR]] logical partition or a charge based on said amount of usage of said applications.

17.   (Currently Amended) A method as set forth in claim 16 wherein the step of determining said amount of usage of said [[LPAR]] logical partition based on said system data is performed by checking usage bits of processors which execute said [[LPAR]] logical partition.

18.   (Original) A method as set forth in claim 12 wherein said bill is based on a peak usage.

19.   (Currently Amended) A method for determining an amount of usage of applications in an LPAR a logical partition in a computer system and auditing such usage, said computer system including storage private to said [[LPAR]] logical partition, storage private to said system and system functions, and storage shared by said [[LPAR]] logical partition and said system functions, said method comprising the steps of:

executing a guest operating system in a [[LPAR]] logical partition;

said guest operating system dispatching a plurality of applications in said [[LPAR]] logical partition, determining information indicative of [[an]] said amount of usage of each of said applications, and writing said information to said shared storage;

one of said system functions reading said information from said shared storage;

determining [[the]] a total usage of all of said applications in said [[LPAR]] logical partition based on said information from said shared storage;

another of said system functions determining [[an]] said amount of usage of said [[LPAR]] logical partition based on system data, without using application usage information generated by said guest operating system;

comparing said total usage of all of said applications in said [[LPAR]] logical partition to said amount of usage of said [[LPAR]] logical partition to audit said amount of usage of said applications in said [[LPAR]] logical partition.

20.   (Currently Amended) A method as set forth in claim 19 wherein ~~the step of~~ determining said amount of usage of said [[LPAR]] <u>logical partition</u> ~~based on said system data~~ is performed by checking usage bits of processors which execute said [[LPAR]] <u>logical partition</u>.

21.   (New) A method as set forth in claim 19 further comprising:
        determining a bill for each of said applications based on said usage of each of said applications in said logical partition and said amount of usage of said logical partition.

22.   (New) A method as set forth in claim 19, wherein said another of said system functions determining said amount of usage of said logical partition without using application usage information generated by said guest operating system comprises:
        computing percent utilization of said logical partition as said logical partition utilization = (actual logical partition usage) X (number of dedicated processors for logical partition or specified processor share for said logical partition X total number of processors).

23.   (New) A method as set forth in claim 19, wherein comparing said total usage of all of said applications in said logical partition to said amount of usage of said logical partition to audit said amount of usage of said applications in said logical partition, comprises:
        reading auditing and business rules;
        adding a usage of said applications for said logical partition;
        computing percent utilization of said logical partition to form said usage of said logical partition ;
        reading logical partition usage data for said logical partition;
        subtracting said logical partition usage data from said usage of said logical partition to form a difference;
        determining whether said difference is within an acceptable range; and
        if the difference is within said acceptable range, computing a bill.